



SPECIFICATIONS DC4

FEATURES

- Compact three-way system for medium-sized dance clubs
- Very effective as a high-output DJ booth monitor
- Dual 12-in woofers maximize LF output
- 8-in midrange cone, sealed
- Horn-loaded 1-in exit/1.75-in voice coil HF compression driver
- Cutaway rear corner directs coverage down from its position close to a ceiling

DESCRIPTION

The DC4 is engineered for use in permanent installations. The system includes dual 12-in woofers in an optimally vented enclosure, an 8-in midrange cone in a sealed subenclosure and a 1-in exit/1.75-in voice coil high frequency compression driver on a 90° (h) x 40° (v) dispersion constant directivity horn.

A complex asymmetrical internal passive crossover/filter network provides MF/HF subsystem integration. An MX Series Close Coupled Processor™ should integrate the LF and MF/HF subsystems.

APPLICATION

The DC4 compact, bi-amplified three-way dance club system provides high output, high definition reinforcement for medium sized clubs. Overall design is robust to ensure reliability in the face of continuous peak output operation.

The DC4 is designed for overhead mounting in a horizontal configuration to cover medium sized dance floors or other spaces within clubs. Its cutaway upper-rear corner allows it to tuck up next to the ceiling while angling its coverage down 20°. The enclosure includes balance-optimized threaded mounting points.

Like all EAW products, it can be special ordered in virtually any color to match a specific décor. Six year warranty.

PERFORMANCE

Frequency Response

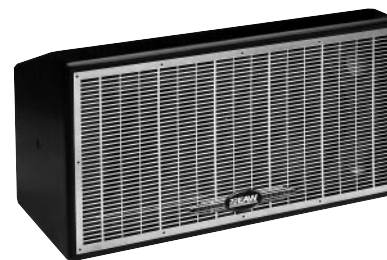
+3 dB	50 Hz to 17.5 kHz
-10 dB	45 Hz

Axial Sensitivity (dB SPL, 1 watt @ 1 m)

Passive MF/HF	97
LF	99

Nominal Input Impedance (ohms)

Passive MF/HF	8
LF	4



Power Handling (watts, continuous)

Passive MF/HF	220
LF	800

Calculated Output Limit (dB SPL @ 1 m)

Passive MF/HF Peak	126
LF Peak	134
Passive MF/HF Long term	120
LF Long Term	128

Nominal Beamwidth (degrees @ -6 dB SPL)

Horizontal	90
Vertical	40

PHYSICAL

Product Group	Avalon
Configuration	3-way full-range
Powering	Bi-amplified (passive MF/HF crossover)
LF Subsystem	2x 12-in-woofer, vented
MF Subsystem	1x 8-in cone, sealed
HF Subsystem	1-in exit/1.75-in voice coil compression driver on CD horn
Enclosure Material	Exterior-grade Baltic birch plywood
Finish	Wear-resistant textured black paint
Connectors	2x Neutrik NL4 Speakon
Suspension Hardware	8x 3/8"-16 threaded mounting points (4 top, 2 per side)
Grille	Zinc coated perforated steel

Dimensions	Grille	
	inches	millimeters
Height (front)	19.2	486
Height (rear)	13.9	354
Width	37.8	959
Depth	20.0	508

Weights	Grille	
	pounds	kilograms
Net Weight	99	45.0
Shipping Weight	113	51.4

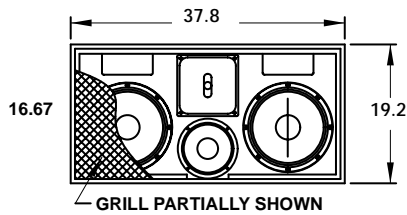




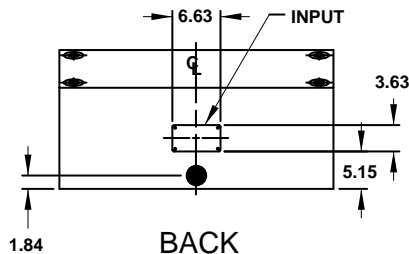
SPECIFICATIONS DC4

DIMENSIONAL DRAWING

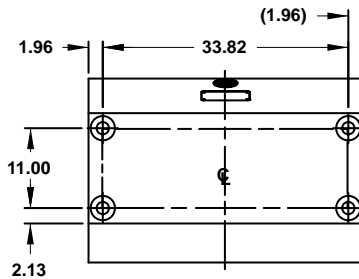
- ⊙ INDICATES MOUNTING POINT, 3/8-16 THREADED HOLE (PI ANGLE).
- INDICATES MOUNTING POINT 3/8-16 THREADED HOLE (NUT PLATE).



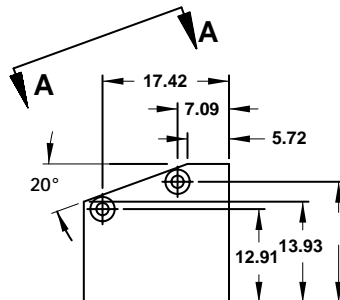
FRONT



BACK

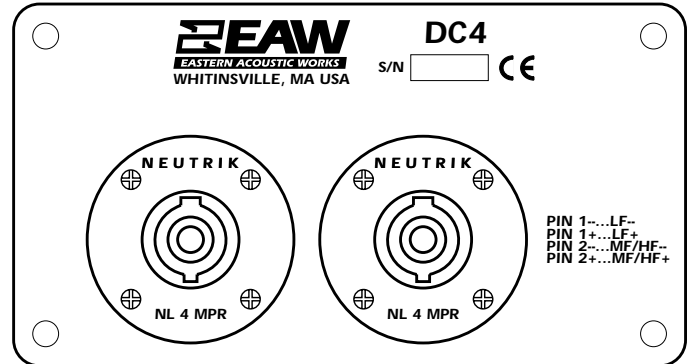


VIEW A-A



SIDES

INPUT PANEL



510872 (A)
8/24/99

Manufacturing tolerances are +/- 0.13 and +/- 1°

